



Title: **SENIOR ENGINEER**

Salary: Band D
Effective Date: 09/01/15
FLSA Designation: Exempt

GENERAL DESCRIPTION

Under general direction of the Director of Operations and Maintenance or Supervisor of Resources, performs complex engineering and technical work in the planning, design, construction of capital projects of the District's distribution and pumping facilities and multi-disciplinary and policy analysis related to the preservation, restoration, land use and enhancement of District water resources including policy analysis, water projects operations, land acquisition, power, drainage, groundwater, and water conservation which may also include supervising or inspecting the work of consultants and contractors engaged in work related to the distribution system.

The Senior Engineer requires an extensive engineering background in progressively difficult assignments, receives assignments in broad and general terms, has considerable latitude for independent actions and decisions, and is responsible for the day-to-day activities of subordinate staff. Supervisory duties include interviewing, training, development, assigning and reviewing work, evaluating and disciplining subordinate staff; and communication division policy and objectives to staff.

EXAMPLES OF WORK PERFORMED

The information listed below is meant to serve as examples of the job duties and responsibilities for positions in this classification. This list is neither inclusive nor exclusive, but indicative of several types of duties performed.

1. May supervise staff engaged in a variety of engineering and planning duties. Supervisory responsibilities include interviewing, selecting, training, evaluating, and disciplining staff.
2. May be assigned as a Project Manager and Engineer in Responsible Charge on various projects related to capital improvement, water resources, regulatory compliance, land acquisition, groundwater, drainage, energy management, power resources, and water conservation.
3. Plans, organizes, assigns, directs, and reviews and provides quality assurance of the work of other staff, contractors, suppliers and consultants engaged in preparation of various analysis, feasibility studies, project development, mitigation plans, environmental documents, designs, specifications, contract and bid documents, estimates and reports for water, power, and regulatory projects.
4. Administers, coordinates and assists with engineering construction contracts, water resource projects and agreements.
5. Serves as District liaison or representative on boards, committees, commissions, task forces and at meetings and hearings.

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6. Prepares or reviews engineering designs, specifications, estimates, reports, and documents for projects related to maintenance, reconstruction and construction of District facilities.
7. Prepares or reviews environmental studies, documents, and water and biological resources reports
8. Monitors, evaluates, and makes recommendations regarding laws, codes, regulations, and proposed legislation as they apply to related job duties and responsibilities.
9. Prepares or provides input on applicable budgets as they relate to the District's operations.
10. May assess and maintain the District's Safety Program and serve as the District's Safety Officer.
11. Performs other duties as assigned.

CLASSIFICATION REQUIREMENTS

Education and Experience: Any combination of equivalent education and experience that has led to the acquisition of the knowledge required by the position. A typical way of acquiring the knowledge would be:

A bachelor's degree in Civil, Mechanical, or Agricultural Engineering, **and** four (4) years of civil, mechanical, or agricultural engineering experience, including the planning, design, construction, and operation of a pipeline distribution system and related hydraulic structures and equipment.

Knowledge of:

- Principles of hydraulic design, hydrology, materials engineering, soil mechanics, surveying, structural engineering, power, and drainage.
- The applicable safety and accident procedures of the California Occupational Safety and Health Act.
- The applicable California General Industrial Safety Orders.

LICENSE, CERTIFICATE, OR CREDENTIAL

- Possession of a valid Certificate of Registration as a Professional Engineer, Civil Engineer or Land Surveyor issued by the California State Board of Registration for Professional Engineers, Land Surveyors, and Geologists.

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STANDARD REQUIREMENTS

- Possession of a valid Class C California Driver's License with a driving record acceptable to the District's automobile insurance provider is required.